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**IN THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for adaptive text recommendation, the method comprising:

receiving a query submitted by a client;

computing a plurality of similarity scores between a plurality of documents that are of interest to the client, each of the plurality of similarity scores indicating similarity of words in a first document  $D_1$  and words in a second document  $D_2$ , and each similarity score being computed according to:

$$\text{similarity}(D_1, D_2) = \frac{\sum_{w \in D_1 \cap D_2} \text{count}(w, D_1) \text{count}(w, D_2)}{\left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_1)^2 \right]^{1/2} \left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_2)^2 \right]^{1/2}}$$

grouping the plurality of documents into a plurality of clusters based on the similarity scores;

constructing a recommended set by selecting one or more documents from the plurality of clusters; and

presenting the recommended set to the client.

and

adaptively changing the query result in response to the query.

2. (Currently amended) The adaptive text recommendation method of Claim 1 wherein the ~~changing step comprises clustering of an interest set of documents into one or more clusters; extracting keywords for the one or more clusters that are present the theme of the documents in the one or more clusters; filtering of an eligible set of documents to meet application criteria; and adaptively constructing a recommended set of documents for each cluster of the one or more clusters.~~ selecting one or more documents from the plurality of clusters includes:

extracting one or more keywords for each of the plurality of clusters;

computing a keyword score for each of the plurality of clusters;

selecting a plurality of eligible clusters based on the keyword score;

computing a relevance score for each document in the plurality of eligible

clusters; and

selecting one or more documents based on the relevance score or both.

3. (Currently amended) The adaptive text recommendation method of Claim 2 wherein ~~the clustering step further comprises assembling the interest set of documents; pre-processing words of the interest set of in the plurality of documents; and grouping of documents from the interest set of documents into the clusters utilizing a clustering algorithm that maximizes the cluster score of the clusters.~~ the keyword score is computed according to:

$$\text{Keyword score}(w, C) = \log \text{Frequency}(w, C) - \log \text{Frequency}(w).$$

4. (Currently amended) The adaptive text recommendation method of Claim 2, wherein ~~the assembling step comprises collecting documents previously viewed by a client; collecting e-mails that elicited a response from the client; collecting documents describing items previously bought by the client; collecting documents describing items the client made a bid on; collecting documents associated with selections from a list of documents, the selections being made by the client; collecting pages of web sites wherein the client indicated interest; collecting documents recorded for the client; and collecting documents associated with a client transmitted from a remote source.~~ the relevance score of a document D with respect to cluster C is computed according to:

$$\text{relevance}(D, C) = \frac{\sum_{w \in \text{keywords}(C)} \text{count}(w, D)}{\left[ \sum_{w \in \text{keywords}(C)} \text{count}(w, D)^2 \right]^{1/2}}$$

5. (Cancelled)

6. (Original) The adaptive text recommendation method of Claim 2 wherein the extracting keywords step utilizes a process that calculates the keyword score of the cluster and select keywords that maximizes the keyword score of the cluster.

7. (Cancelled)

8. (Currently amended) The adaptive text recommendation method of Claim 21 wherein the construction of the recommended set of documents further comprises calculating a relevance score of each document in the eligible set of documents; selecting documents of the eligible set of documents with high relevance scores; and applying other selection criteria comprising popularity of the document in the eligible set of documents and client preference for the document in the eligible set of documents.

9. (Original) The adaptive text recommendation method of Claim 2 further comprising presenting the recommended set of documents using a presentation technique that comprises sending an e-mail, displaying a greeting, displaying an HTML fragment, sending a fax, sending a voicemail, sending a video alert, sending an audio alert, and transmitting a file representing the recommended set of documents.

10. (Original) The adaptive text recommendation method of Claim 1 wherein the received query comprises a request from a requestor device enabled by an action of the client and a software request.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Currently amended) An adaptive text recommendation system comprising:  
~~a query receiving processor for receiving a query;~~  
~~——a database for storing a plurality of document records including Internet document records, private document records, and other public network document records;~~  
~~——a query response processor for sending a response to the query; and~~

~~an adaptive text processor, coupled to the query receiving processor, the database; and the query response processor, for receiving the query from the query receiving processor, analyzing the text of an interest set of document records from the database, grouping the interest set of document records into clusters; extracting keywords from the text of the document records from the database to meet an application criteria; and adaptively constructing the recommended set of document records for the clusters, and passing the recommended set of document records to the query response processor.~~

a processor configured to:

receiving a query submitted by a client;

computing a plurality of similarity scores between a plurality of documents that are of interest to the client, each of the plurality of similarity scores indicating similarity of words in a first document  $D_1$  and words in a second document  $D_2$ , and each similarity score being computed according to:

$$\text{similarity}(D_1, D_2) = \frac{\sum_{w \in D_1 \cap D_2} \text{count}(w, D_1) \text{count}(w, D_2)}{\left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_1)^2 \right]^{1/2} \left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_2)^2 \right]^{1/2}};$$

grouping the plurality of documents into a plurality of clusters based on the similarity scores;

constructing a recommended set by selecting one or more documents from the plurality of clusters; and

presenting the recommended set to the client; and

a memory coupled to the processor, configured to provide the processor with instructions.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Currently amended) A computer storage medium storing the computer readable code for causing a computer system to execute the steps of an adaptive text recommendation system, the steps comprising:

~~clustering of an interest set of documents into clusters;~~

~~extracting keywords for the clusters, the keywords representing the theme or concept of the documents of the clusters;~~

~~filtering of an eligible set of documents to meet application criteria;~~

~~adaptively constructing the recommended set of documents for the clusters; and~~

~~presenting the recommended set of documents.~~

receiving a query submitted by a client;

computing a plurality of similarity scores between a plurality of documents that are of interest to the client, each of the plurality of similarity scores indicating similarity of words in a first document  $D_1$  and words in a second document  $D_2$ , and each similarity score being computed according to:

$$\text{similarity}(D_1, D_2) = \frac{\sum_{w \in D_1 \cap D_2} \text{count}(w, D_1) \text{count}(w, D_2)}{\left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_1)^2 \right]^{1/2} \left[ \sum_{w \in D_1 \cap D_2} \text{count}(w, D_2)^2 \right]^{1/2}};$$

grouping the plurality of documents into a plurality of clusters based on the similarity scores;

constructing a recommended set by selecting one or more documents from the plurality of clusters; and

presenting the recommended set to the client.

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)